



# Host Railroad Report

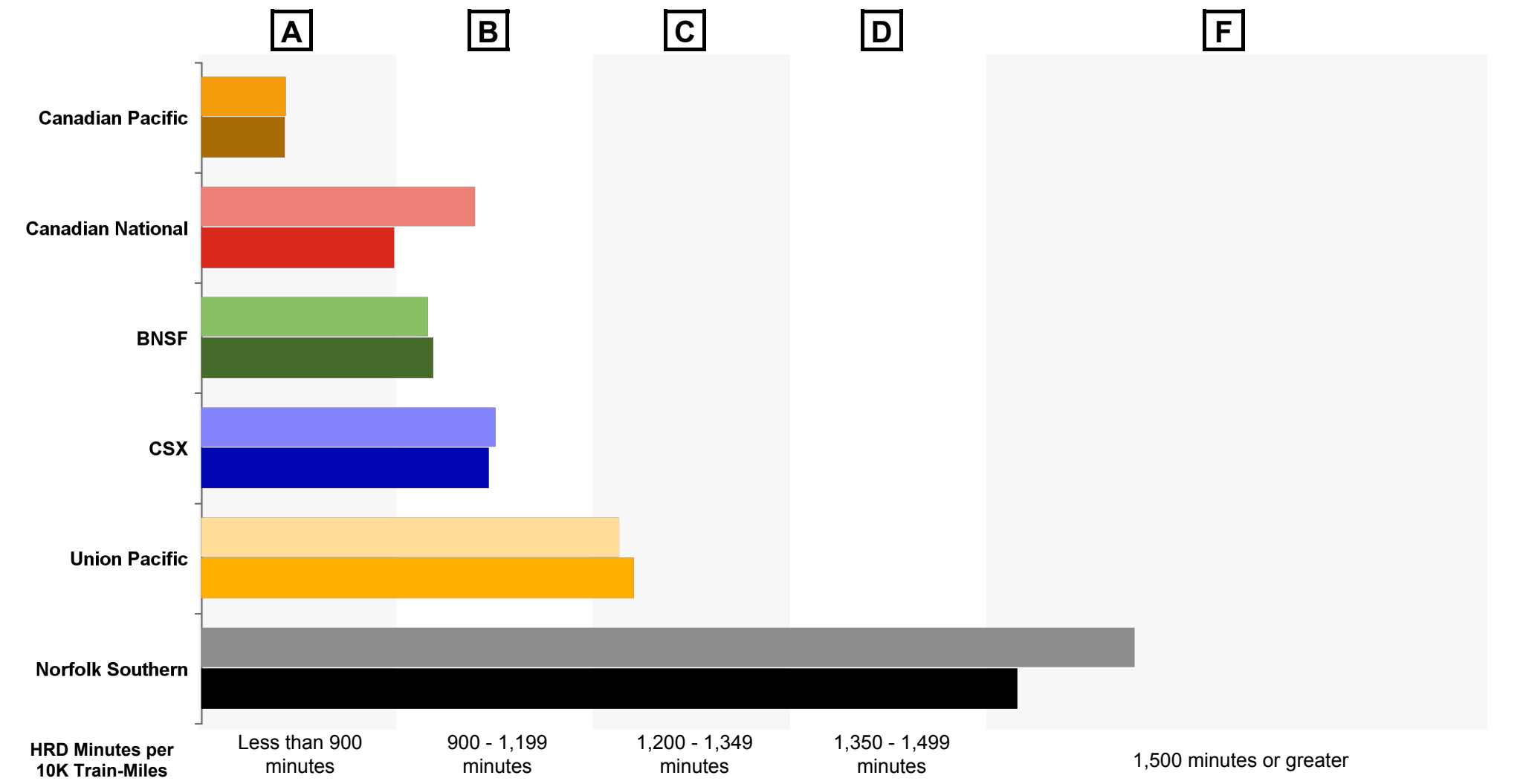
**Amtrak Train Performance on Host Railroads**

**Data through January 2022**

# Host Railroad Report Card Update

## Current Month and 1 Year Snapshot

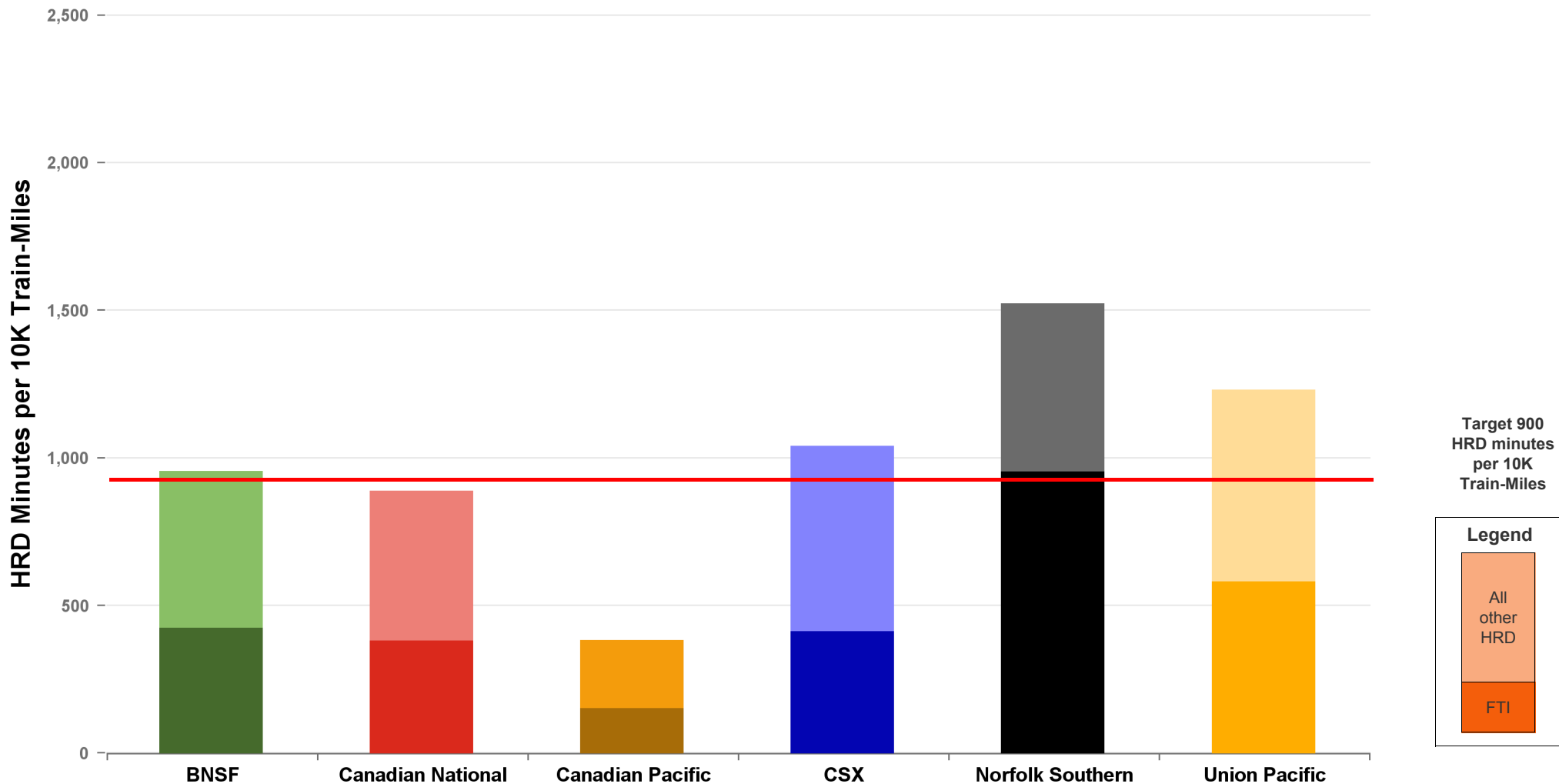
A monthly update of the Host Railroad Report Card, which grades the six major host railroads based on host responsible delay (HRD) minutes per 10,000 train-miles for the current month (lighter shade) and the most recent 12 months.



# Total Host-Responsible Delays

## 1 Year Snapshot

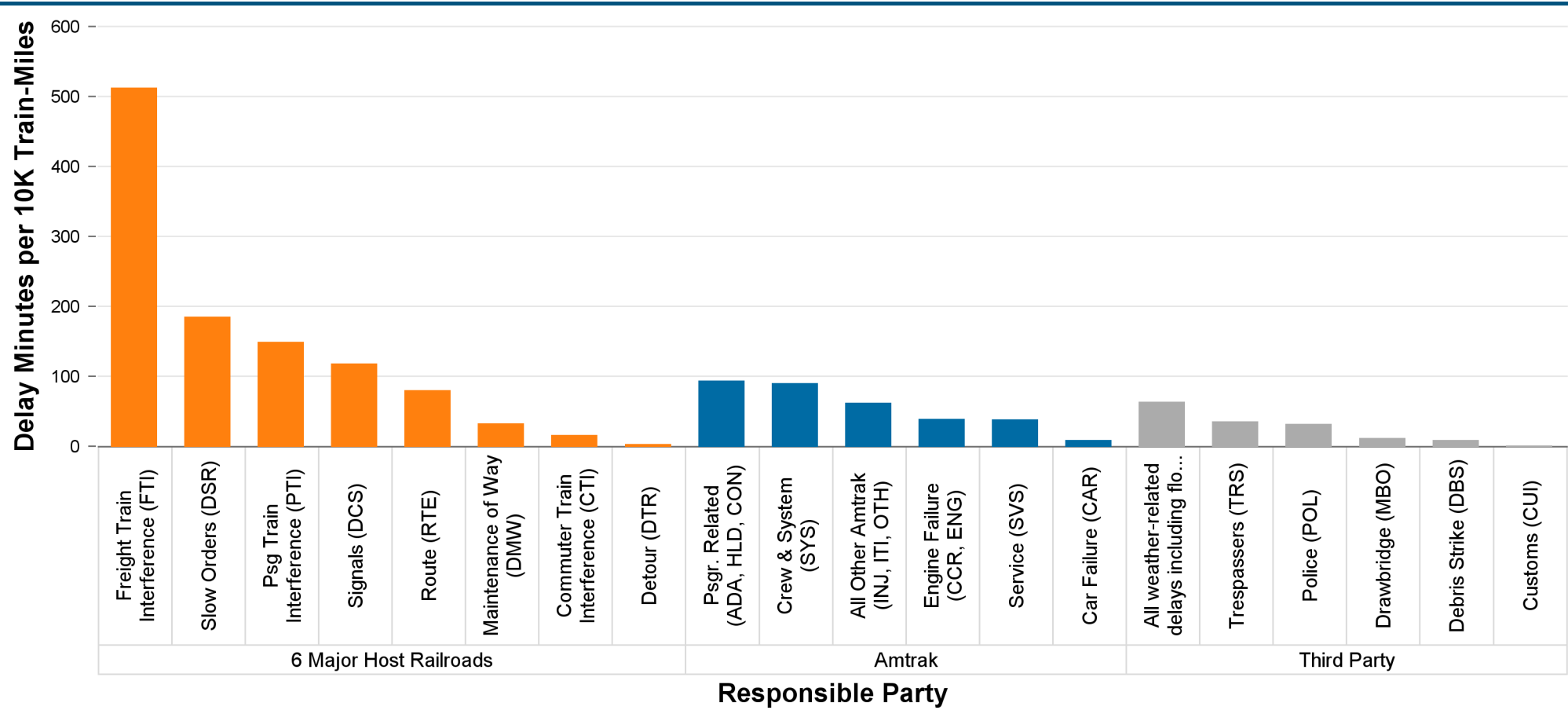
Total host-responsible delay (HRD) minutes per 10,000 train-miles incurred by Amtrak trains on the six major host railroads, with delays attributable to freight train interference (FTI) shaded.



# Delays to Amtrak Trains by Responsible Party

## 1 Year Snapshot

Delay minutes per 10,000 train-miles on the six major host railroads categorized by delay type and responsible party.

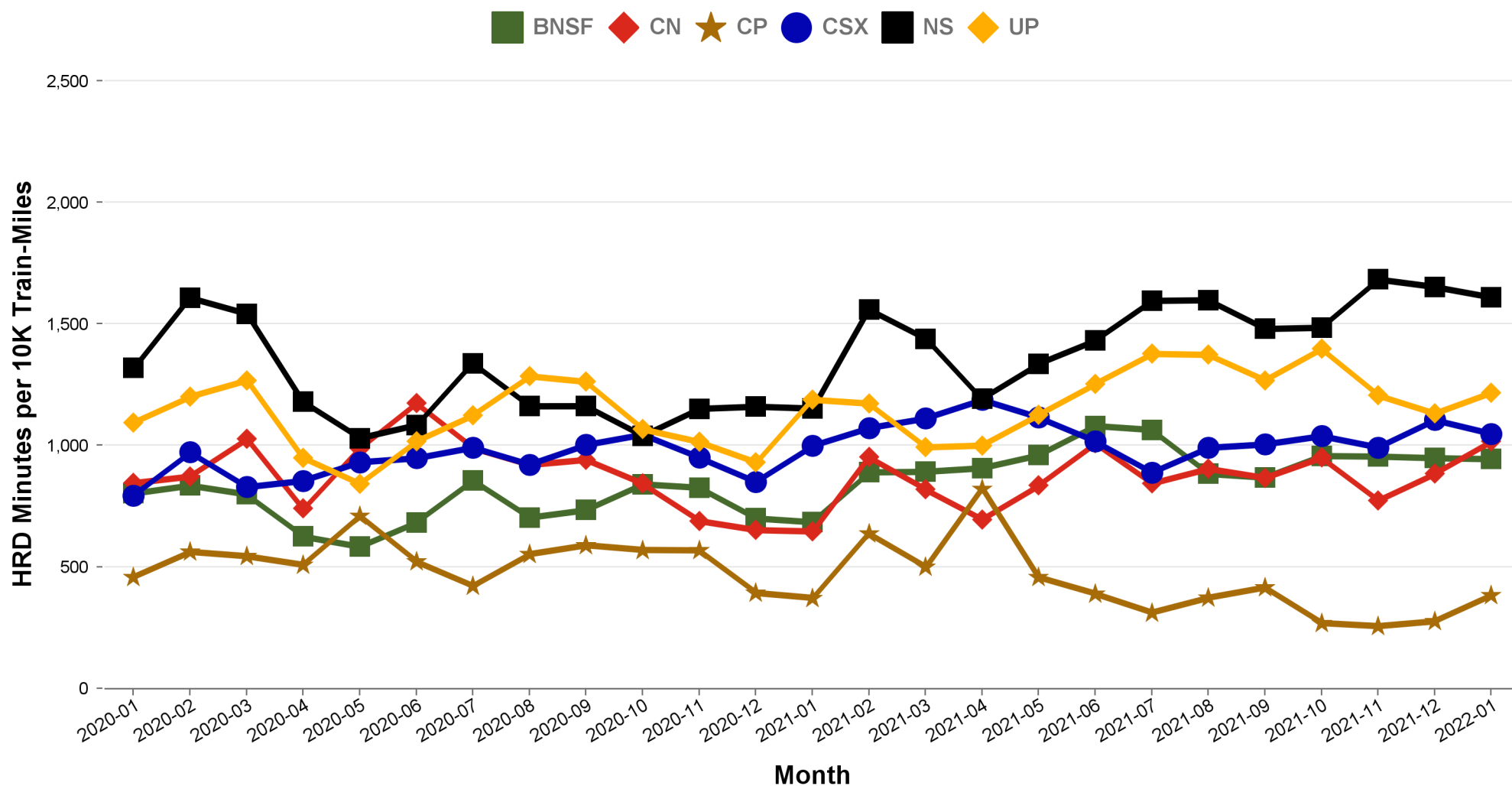


Responsible Party	6 Major Host Railroads	Amtrak	Third Party
Delay Minutes per 10K Train-Miles	1097	328	150
Percentage of Total Delays	69.6%	20.9%	9.5%

# Total Host-Responsible Delays

## 2 Year Snapshot

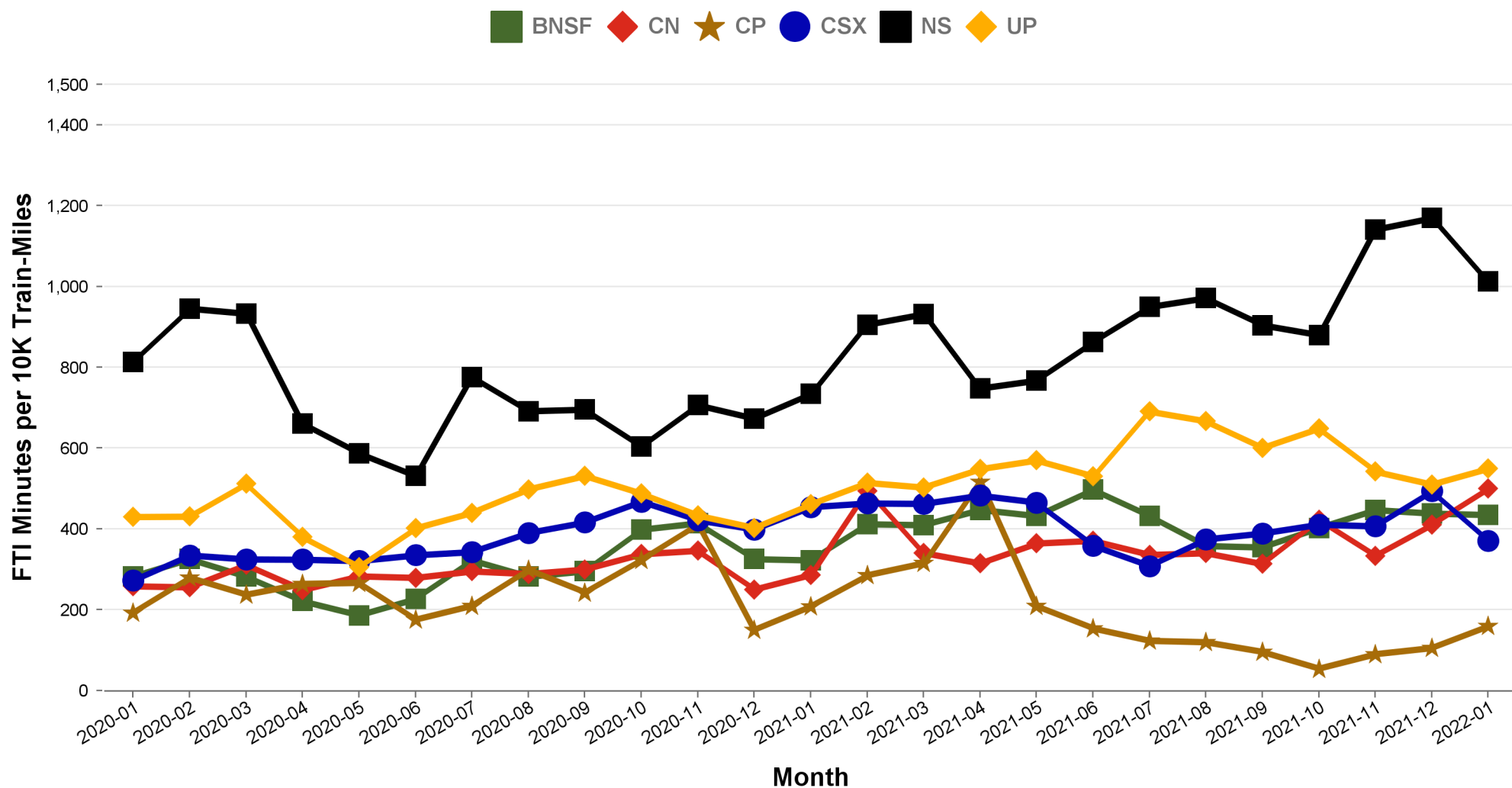
Total host-responsible delay (HRD) minutes per 10,000 train-miles incurred by Amtrak trains on each of the six major host railroads for the most recent two years.



# Freight Train Interference Delays

## 2 Year Snapshot

Total delay minutes per 10,000 train-miles attributable to freight train interference (FTI) incurred by Amtrak trains on each of the six major host railroads for the most recent two years.



Minutes of Delay per 10K Train Miles by Host for January 2022

Host	Service	Total Host Responsible Delays		Largest Two Delay Categories - Current Month				Route Miles
		Current Month	Most Recent 12 Months	#1		#2		
Target		900	900					
BNSF	California Zephyr	886	942	FTI	397	DSR	161	1027
	Carl Sandburg / Illinois Zephyr	749	644	FTI	450	CTI	77	257
	Cascades	1309	1181	DSR	365	FTI	315	316
	Coast Starlight	1079	891	DSR	232	DCS	228	157
	Empire Builder	935	885	FTI	576	DSR	82	2147
	Heartland Flyer	1600	1643	FTI	886	DSR	674	236
	Pacific Surfliner	1595	1159	FTI	568	DCS	279	22
	San Joaquins	988	984	FTI	394	PTI	385	284
	Southwest Chief	697	877	FTI	353	DSR	120	2206
	Sunset Ltd	2076	1550	DSR	986	FTI	633	190
	Texas Eagle	1115	1179	DSR	624	FTI	335	116
CN	Blue Water	780	434	FTI	575	DCS	101	159
	City Of New Orleans	957	757	FTI	469	PTI	130	930
	Illini / Saluki	783	752	FTI	314	DSR	211	304
	Lincoln Service	1563	1910	FTI	1010	DCS	309	35
	Texas Eagle	1488	2371	FTI	1257	PTI	139	35
	Wolverine	2043	1750	DSR	710	FTI	571	27
CP	Empire Builder	561	521	FTI	280	DSR	93	384
	Ethan Allen Express	1038	702	DMW	428	DCS	387	60
	Hiawatha	124	200	FTI	60	DCS	25	53
CSX	Auto Train	1395	1410	FTI	532	PTI	384	898
	Capitol Ltd	660	835	RTE	257	FTI	190	307
	Cardinal	1014	983	FTI	526	RTE	158	703
	Carolinian	1188	1431	FTI	332	RTE	266	295
	Lake Shore Ltd	583	663	FTI	296	RTE	110	741
	Maple Leaf	901	997	FTI	443	RTE	259	298
	New York - Niagara Falls	768	837	FTI	256	RTE	237	296
	Palmetto	1194	1069	FTI	551	PTI	247	659
	Pere Marquette	200	317	DCS	84	FTI	83	135
	Richmond / Newport News / Norfolk	1335	1247	FTI	326	DCS	274	189
	Silver Meteor	1009	985	FTI	400	PTI	254	1152
	Silver Star	1150	917	PTI	342	FTI	296	1209
NS	Blue Water	4582	3866	FTI	3674	DCS	423	39
	Capitol Ltd	2044	2344	FTI	1407	RTE	199	481
	Cardinal	2084	1726	PTI	930	FTI	746	79
	Carolinian	1066	831	DCS	339	FTI	281	202
	Crescent	1640	1524	FTI	1085	DCS	198	1141
	Lake Shore Ltd	2242	2220	FTI	1640	PTI	270	339
	Pennsylvanian	1266	1425	FTI	864	RTE	278	249
	Pere Marquette	4542	3156	FTI	3166	PTI	458	39
	Piedmont	719	772	FTI	305	DCS	169	173
	Richmond / Newport News / Norfolk	754	725	DCS	318	FTI	255	81
	Roanoke	382	470	FTI	172	DCS	100	216
	Silver Star	961	789	DMW	291	DSR	217	28
	Wolverine	4617	4148	FTI	2870	PTI	725	39
UP	California Zephyr	1396	1312	FTI	771	DCS	221	1381
	Capitol Corridor	702	559	DSR	194	PTI	181	171
	Cascades	1887	1720	FTI	807	DSR	406	125
	Coast Starlight	1403	1397	FTI	506	DSR	295	1162
	Lincoln Service	998	817	FTI	468	PTI	299	231
	Missouri	861	1172	FTI	490	DSR	251	271
	Pacific Surfliner	903	1134	DCS	468	PTI	362	174
	San Joaquins	1352	920	DSR	424	PTI	355	88
	Sunset Ltd	1642	1887	FTI	1014	RTE	177	1784
	Texas Eagle	1335	1605	FTI	865	DSR	172	1073
Amtrak	Blue Water	311	326	PTI	208	DCS	42	99
	Ethan Allen Express	434	228	DET	333	PTI	47	100
	Maple Leaf	140	259	RTE	50	DCS	44	109
	New York - Albany	143	193	DCS	43	DET	41	81
	New York - Niagara Falls	145	284	PTI	56	RTE	43	109
	Wolverine	422	497	PTI	336	DCS	57	99
BBrRR	Cardinal	1483	935	FTI	484	PTI	465	132
Fla DOT	Silver Meteor	663	745	CTI	371	DCS	209	68
	Silver Star	827	768	CTI	421	DSR	163	68
FR	Auto Train	5644	3640	DSR	3444	CTI	1022	16
	Silver Meteor	2670	2016	DSR	1149	CTI	747	61
	Silver Star	1934	1508	DSR	1243	CTI	343	61
MADOT	Springfield Shuttles	748	957	FTI	328	RTE	189	36
	Vermonteer	397	789	DCS	282	FTI	80	50
MBTA	Downeaster	1446	1938	DSR	661	DCS	355	38

Metra	Empire Builder	909	1140	CTI	686	DSR	149	29
	Hiawatha	1135	1117	CTI	662	DCS	143	29
MIDOT	Blue Water	418	225	PTI	257	DSR	95	22
	Wolverine	522	481	PTI	375	DCS	67	134
MNRR	Acela Express	1376	1718	DSR	904	CTI	281	56
	Ethan Allen Express	765	1143	CTI	433	DSR	175	64
	Lake Shore Ltd	872	1404	CTI	322	DSR	238	64
	Maple Leaf	747	736	DSR	213	CTI	192	64
	New York - Albany	1157	1099	CTI	686	DSR	216	64
	New York - Niagara Falls	1212	1376	CTI	727	DSR	214	64
	Richmond / Newport News / Norfolk	1905	2348	DSR	1076	CTI	619	56
	Vermonter	2355	2433	DSR	1669	CTI	446	56
NECR	Vermonter	1253	1394	DSR	1084	DCS	87	192
NMDOT	Southwest Chief	1166	1667	CTI	549	DCS	236	80
PanAm	Downeaster	880	793	DCS	267	PTI	238	107
SCRRA	Coast Starlight	577	1261	PTI	398	DCS	86	48
	Pacific Surfliner	1143	1029	PTI	387	CTI	246	95
SDNRR	Pacific Surfliner	926	929	CTI	347	PTI	286	60
Sounder	Cascades	449	403	PTI	231	DMW	71	21
Sounder	Coast Starlight	604	705	PTI	485	DCS	119	21
TRE	Texas Eagle	228	364	CTI	130	DCS	43	33
VTR	Ethan Allen Express	130	109	DMW	103	DCS	27	24

The numbers included in this document are preliminary and are for informational purposes only.  
Excludes hosts with fewer than 15 route miles.  
Delays on the Amtrak-owned portion of the Northeast Corridor are shown in a separate report, with tighter delay standards.  
Northeast Regional: Roanoke includes all trains between Roanoke and points on the NEC; Richmond / Newport News / Norfolk includes all trains between these locations and points on the NEC.



Minutes of Delay per 10K Train Miles by Service for January 2022

Service		Host	Total Host Responsible Delays		Largest Two Delay Categories - Current Month				Route Miles
			Current Month	Most Recent 12 Months	#1		#2		
Target			900	900					
Acela Express									
Acela Express		MNRR	1376	1718	DSR	904	CTI	281	56
All Other NEC Corridor Routes									
Northeast Regional	Richmond / Newport News / Norfolk	CSX	1335	1247	FTI	326	DCS	274	189
		NS	754	725	DCS	318	FTI	255	81
		MNRR	1905	2348	DSR	1076	CTI	619	56
	Roanoke	NS	382	470	FTI	172	DCS	100	216
	Springfield Shuttles	MADOT	748	957	FTI	328	RTE	189	36
Non-NEC Corridor Routes									
Capitol Corridor		UP	702	559	DSR	194	PTI	181	171
Carolinian		CSX	1188	1431	FTI	332	RTE	266	295
		NS	1066	831	DCS	339	FTI	281	202
Cascades		BNSF	1309	1181	DSR	365	FTI	315	316
		UP	1887	1720	FTI	807	DSR	406	125
		Sounder	449	403	PTI	231	DMW	71	21
Downeaster		MBTA	1446	1938	DSR	661	DCS	355	38
		PanAm	880	793	DCS	267	PTI	238	107
Empire	Ethan Allen Express	CP	1038	702	DMW	428	DCS	387	60
		Amtrak	434	228	DET	333	PTI	47	100
		MNRR	765	1143	CTI	433	DSR	175	64
		VTR	130	109	DMW	103	DCS	27	24
	Maple Leaf	CSX	901	997	FTI	443	RTE	259	298
		Amtrak	140	259	RTE	50	DCS	44	109
		MNRR	747	736	DSR	213	CTI	192	64
	New York - Albany	Amtrak	143	193	DCS	43	DET	41	81
		MNRR	1157	1099	CTI	686	DSR	216	64
	New York - Niagara Falls	CSX	768	837	FTI	256	RTE	237	296
		Amtrak	145	284	PTI	56	RTE	43	109
		MNRR	1212	1376	CTI	727	DSR	214	64
Heartland Flyer		BNSF	1600	1643	FTI	886	DSR	674	236
Hiawatha		CP	124	200	FTI	60	DCS	25	53
		Metra	1135	1117	CTI	662	DCS	143	29
Illinois	Carl Sandburg / Illinois Zephyr	BNSF	749	644	FTI	450	CTI	77	257
	Illini / Saluki	CN	783	752	FTI	314	DSR	211	304
	Lincoln Service	CN	1563	1910	FTI	1010	DCS	309	35
		UP	998	817	FTI	468	PTI	299	231
Michigan	Blue Water	CN	780	434	FTI	575	DCS	101	159
		NS	4582	3866	FTI	3674	DCS	423	39
		Amtrak	311	326	PTI	208	DCS	42	99
		MIDOT	418	225	PTI	257	DSR	95	22
	Pere Marquette	CSX	200	317	DCS	84	FTI	83	135
		NS	4542	3156	FTI	3166	PTI	458	39
	Wolverine	CN	2043	1750	DSR	710	FTI	571	27
		NS	4617	4148	FTI	2870	PTI	725	39
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Missouri		UP	861	1172	FTI	490	DSR	251	271
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		SCRRA	1143	1029	PTI	387	CTI	246	95
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Piedmont		NS	719	772	FTI	305	DCS	169	173
San Joaquins		BNSF	988	984	FTI	394	PTI	385	284
		UP	1352	920	DSR	424	PTI	355	88
Vermonter		MADOT	397	789	DCS	282	FTI	80	50
		MNRR	2355	2433	DSR	1669	CTI	446	56
		NECR	1253	1394	DSR	1084	DCS	87	192

Long-Distance Routes

Auto Train		CSX	1395	1410	FTI	532	PTI	384	898
		FR	5644	3640	DSR	3444	CTI	1022	16
California Zephyr		BNSF	886	942	FTI	397	DSR	161	1027
		UP	1396	1312	FTI	771	DCS	221	1381
Capitol Ltd		CSX	660	835	RTE	257	FTI	190	307
		NS	2044	2344	FTI	1407	RTE	199	481
Cardinal		CSX	1014	983	FTI	526	RTE	158	703
		NS	2084	1726	PTI	930	FTI	746	79
		BBrRR	1483	935	FTI	484	PTI	465	132
City Of New Orleans		CN	957	757	FTI	469	PTI	130	930
Coast Starlight		BNSF	1079	891	DSR	232	DCS	228	157
		UP	1403	1397	FTI	506	DSR	295	1162
		SCRRA	577	1261	PTI	398	DCS	86	48
		Sounder	604	705	PTI	485	DCS	119	21
Crescent		NS	1640	1524	FTI	1085	DCS	198	1141
Empire Builder		BNSF	935	885	FTI	576	DSR	82	2147
		CP	561	521	FTI	280	DSR	93	384
		Metra	909	1140	CTI	686	DSR	149	29
Lake Shore Ltd		CSX	583	663	FTI	296	RTE	110	741
		NS	2242	2220	FTI	1640	PTI	270	339
		MNRR	872	1404	CTI	322	DSR	238	64
Palmetto		CSX	1194	1069	FTI	551	PTI	247	659
Silver Meteor		CSX	1009	985	FTI	400	PTI	254	1152
		Fla DOT	663	745	CTI	371	DCS	209	68
		FR	2670	2016	DSR	1149	CTI	747	61
Silver Star		CSX	1150	917	PTI	342	FTI	296	1209
		NS	961	789	DMW	291	DSR	217	28
		Fla DOT	827	768	CTI	421	DSR	163	68
		FR	1934	1508	DSR	1243	CTI	343	61
Southwest Chief		BNSF	697	877	FTI	353	DSR	120	2206
		NMDOT	1166	1667	CTI	549	DCS	236	80
Sunset Ltd		BNSF	2076	1550	DSR	986	FTI	633	190
		UP	1642	1887	FTI	1014	RTE	177	1784
Texas Eagle		BNSF	1115	1179	DSR	624	FTI	335	116
		CN	1488	2371	FTI	1257	PTI	139	35
		UP	1335	1605	FTI	865	DSR	172	1073
		TRE	228	364	CTI	130	DCS	43	33

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Service	All-Stations OTP		Customer OTP		Avg Mins Late per Late Rider**	
	Current Month	Most Recent 12 Months	Current Month	Most Recent 12 Months	Current Month	Most Recent 12 Months
Amtrak System	72.2%	77.2%	74.0%	76.0%	80	63
NEC Corridor Routes	75.1%	86.2%	78.8%	83.1%	50	40
Target*	80.0%	80.0%				
Acela Express*	80.8%	85.4%	78.0%	82.0%	38	29
Keystone	91.9%	94.3%	92.1%	92.6%	34	36
Northeast Regional	68.8%	84.0%	76.3%	81.6%	55	44
On Spine Northeast Regional	77.3%	87.9%	82.7%	85.7%	45	42
Richmond / Newport News / Norfolk	50.7%	77.7%	66.0%	75.9%	64	45
Roanoke	73.0%	82.8%	72.3%	79.9%	50	43
Springfield Shuttles	83.9%	88.4%	89.1%	88.8%	51	40
Non-NEC Corridor Routes	82.1%	83.1%	80.0%	79.6%	52	44
Target	80.0%	80.0%				
Capitol Corridor	91.5%	91.7%	89.7%	88.2%	36	44
Carolinian	67.4%	70.0%	72.2%	67.1%	68	50
Cascades	66.9%	62.4%	63.5%	57.1%	43	46
Downeaster	88.0%	86.7%	86.0%	78.2%	53	38
Empire	84.5%	86.0%	85.3%	85.6%	43	38
Ethan Allen Express	91.0%	91.6%	92.7%	90.6%	99	38
Maple Leaf	80.6%	80.8%	78.1%	83.6%	41	47
New York - Albany	88.5%	91.9%	91.6%	90.7%	37	35
New York - Niagara Falls	79.8%	80.2%	78.6%	77.8%	40	37
Heartland Flyer	80.6%	71.9%	79.1%	68.6%	51	37
Hiawatha	88.4%	95.4%	93.0%	94.6%	40	36
Illinois	70.8%	78.7%	71.5%	77.6%	49	41
Carl Sandburg / Illinois Zephyr	84.9%	89.2%	85.2%	88.2%	56	39
Illini / Saluki	40.9%	63.8%	52.2%	70.1%	54	40
Lincoln Service	80.4%	81.3%	78.5%	78.7%	41	43
Michigan	60.3%	71.8%	50.1%	62.4%	59	51
Blue Water	62.5%	79.5%	47.6%	64.6%	67	46
Pere Marquette	82.3%	86.0%	66.9%	73.0%	31	45
Wolverine	56.9%	65.7%	47.6%	58.1%	60	55
Missouri	87.3%	74.8%	83.1%	70.6%	51	55
Pacific Surfliner	90.9%	85.4%	89.4%	84.7%	49	43
Pennsylvanian	68.2%	65.2%	72.7%	68.0%	62	41
Piedmont	80.1%	83.4%	82.3%	76.2%	43	38
San Joaquins	82.9%	83.0%	80.0%	79.3%	56	45
Vermonteer	73.6%	80.6%	77.0%	84.1%	57	40
Long-Distance Routes	45.6%	49.5%	50.6%	49.3%	132	99
Target	80.0%	80.0%				
Auto Train	51.6%	61.8%	30.8%	41.1%	183	135
California Zephyr	29.8%	36.7%	33.0%	35.9%	129	134
Capitol Ltd	37.8%	37.5%	39.3%	28.4%	55	82
Cardinal	32.9%	52.8%	41.5%	53.9%	131	77
City Of New Orleans	54.3%	66.9%	63.2%	81.8%	78	72
Coast Starlight	53.6%	52.4%	59.2%	54.7%	121	97
Crescent	38.7%	52.6%	53.9%	56.6%	165	94
Empire Builder	32.0%	50.5%	42.8%	52.7%	184	104
Lake Shore Ltd	62.6%	58.4%	69.1%	56.2%	63	66
Palmetto	72.4%	63.1%	78.0%	62.7%	143	62
Silver Meteor	53.6%	54.3%	57.5%	48.4%	146	76
Silver Star	39.1%	46.4%	37.6%	41.7%	139	86
Southwest Chief	46.6%	40.8%	53.0%	37.6%	97	121
Sunset Ltd	27.4%	20.5%	42.3%	28.8%	132	129
Texas Eagle	64.2%	53.4%	75.5%	57.8%	59	85

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Northeast Regional: Roanoke includes all trains between Roanoke and points on the NEC; Richmond/Newport News/Norfolk includes all trains between these locations and points on the NEC.  
\* Acela Express on-time performance target is 90.0%  
\*\* Excludes on-time Customers



Host Railroad Responsible Delays

Code	Code Description	Explanation
CTI	Commuter Train Interference	Delays for meeting or following commuter trains
DCS	Signal Delays	Signal failure or All Other signal delays, wayside defect-detector false-alarms, defective road crossing protection, efficiency tests, drawbridge stuck open
DMW	Maintenance of Way	Maintenance of Way delays including holds for track repairs or MW foreman to clear
DSR	Slow Order Delays	Temporary slow orders, except heat or cold orders
DTR	Detour	Delays from detours
FTI	Freight Train Interference	Delays from freight trains
PTI	Passenger Train Interference	Delays for meeting or following All Other passenger trains
RTE	Routing	Routing-dispatching delays including diversions, late track bulletins, etc.

Amtrak Responsible Delays

Code	Code Description	Explanation
ADA	Passenger Related	All delays related to disabled passengers, wheel chair lifts, guide dogs, etc.
CAR	Car Failure	Mechanical failure on all types of cars
CCR	Cab Car Failure	Mechanical failure on Cab Cars
CON	Hold for Connection	Holding for connections from All Other trains or buses.
ENG	Locomotive Failure	Mechanical failure on engines.
HLD	Passenger Related	All delays related to passengers, checked-baggage, large groups, etc.
INJ	Injury Delay	Delay due to injured passengers or employees.
ITI	Initial Terminal Delay	Delay at initial terminal due to late arriving inbound trains causing late release of equipment.
OTH	Miscellaneous Delays	Lost-on-run, heavy trains, unable to make normal speed, etc.
SVS	Servicing	All switching and servicing delays
SYS	Crew & System	Delays related to crews including lateness, lone-engineer delays

Third-Party Delays

Code	Code Description	Explanation
CUI	Customs	U.S. and Canadian customs delays; Immigration-related delays
DBS	Debris	Debris strikes
MBO	Drawbridge Openings	Movable bridge openings for marine traffic where no bridge failure is involved
NOD	Unused Recovery Time	Wait for departure time
POL	Police-Related	Police/fire department holds on right-of-way or on-board trains
TRS	Trespassers	Trespasser incidents including road crossing accidents, trespasser / animal strikes, vehicle stuck on track ahead, bridge strikes
WTR	Weather-Related	All weather-related delays including floods/washouts, earthquake-related delays, heat or cold orders, slippery rail due to leaves

\*These delay codes are applicable to Off-NEC routes only.